



BLOOD LEUKOCYTES IN GM-CSF

↓
Culture 1d to adhere most monocytes
Culture nonadherent cells 6d
Feed with GM-CSF, culture 3d
Rinse loose cells away

AGGREGATES AFFIXED TO A DENSE ADHERENT MONOLAYER

↓
Dislodge aggregates with Pasteur pipettes
Subculture one well to three in GM-CSF
Culture 4-10d feeding q 3d

DENDRITIC CELL AGGREGATES AFFIXED TO SCATTERED ADHERENT CELLS

↓
Subculture as above at 2-3 weeks

AGGREGATES ATTACHED TO A FEW ADHERENT CELLS PLUS RELEASED DENDRITIC CELLS

FIG. 1

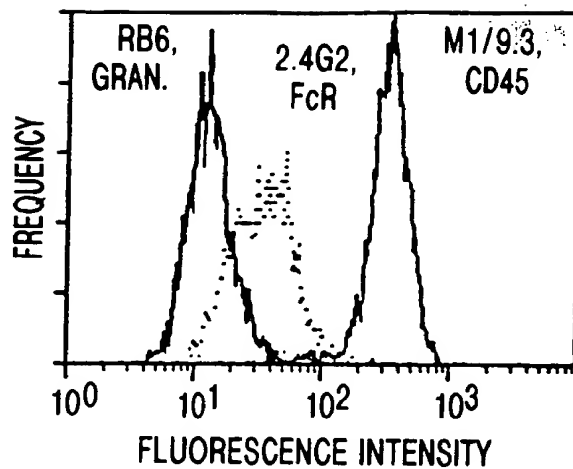


FIG. 2A

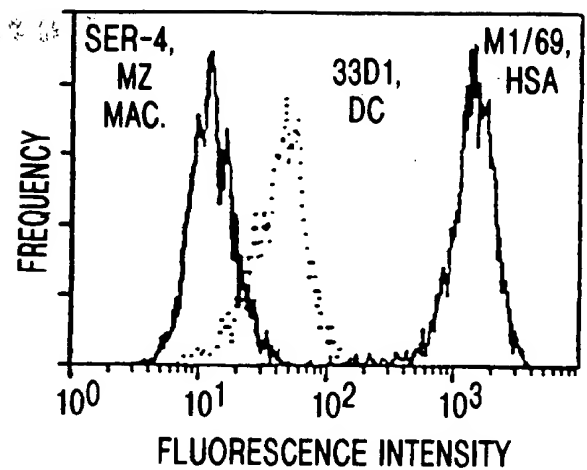


FIG. 2B

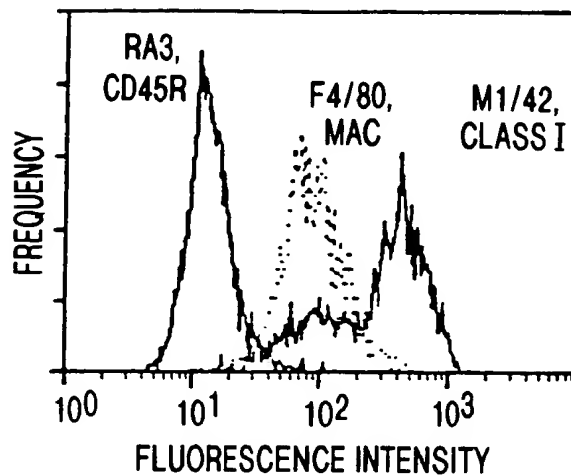


FIG. 2C

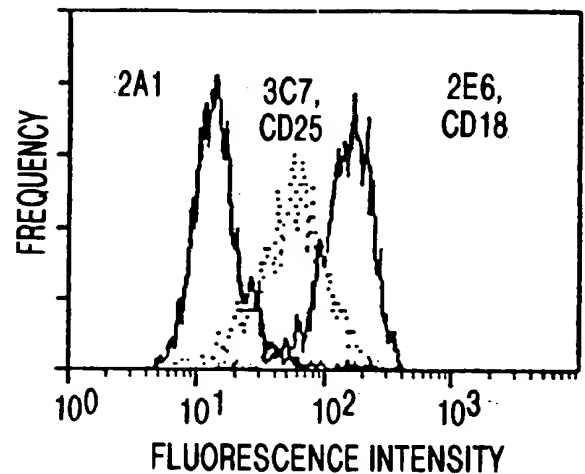


FIG. 2D

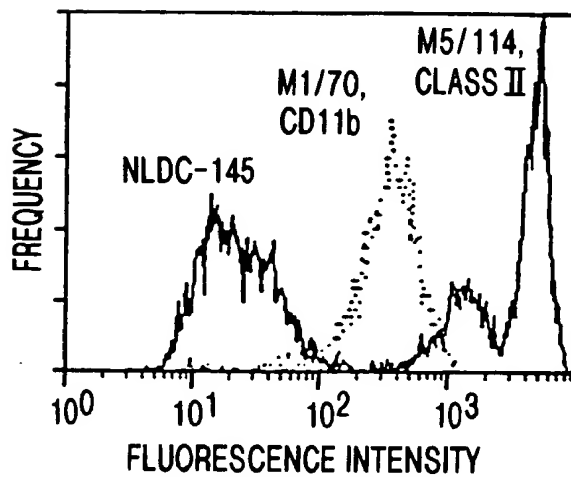


FIG. 2E

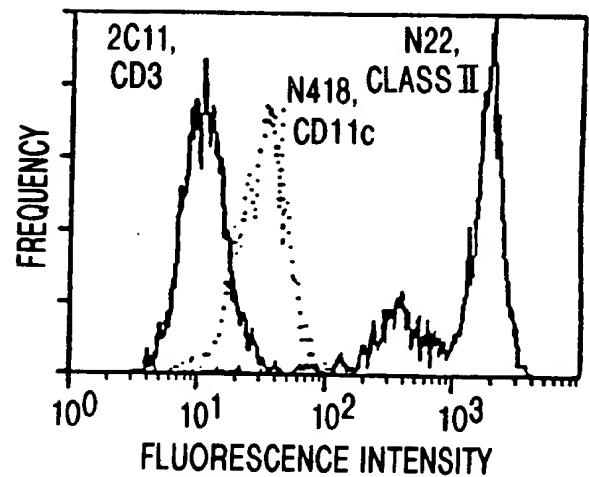


FIG. 2F

2

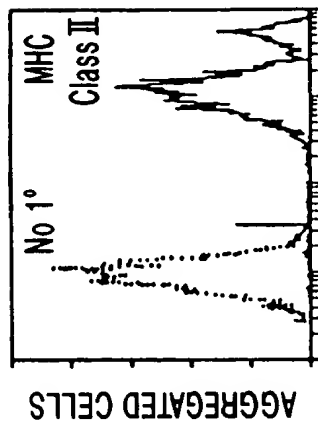


FIG. 3A

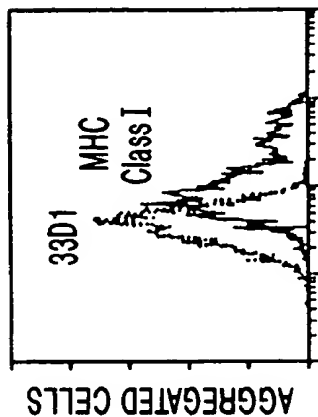


FIG. 3B

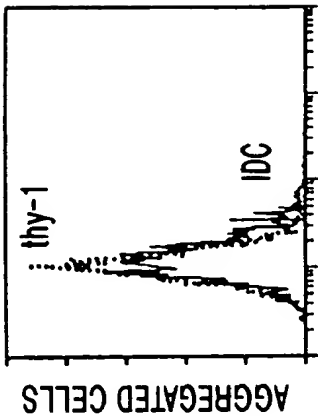


FIG. 3C

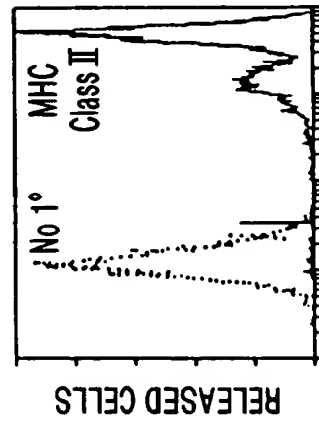


FIG. 3D

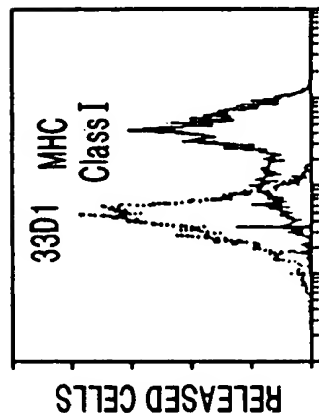


FIG. 3E

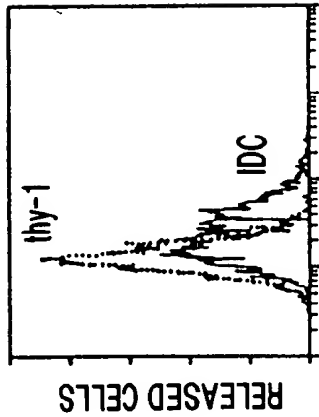


FIG. 3F

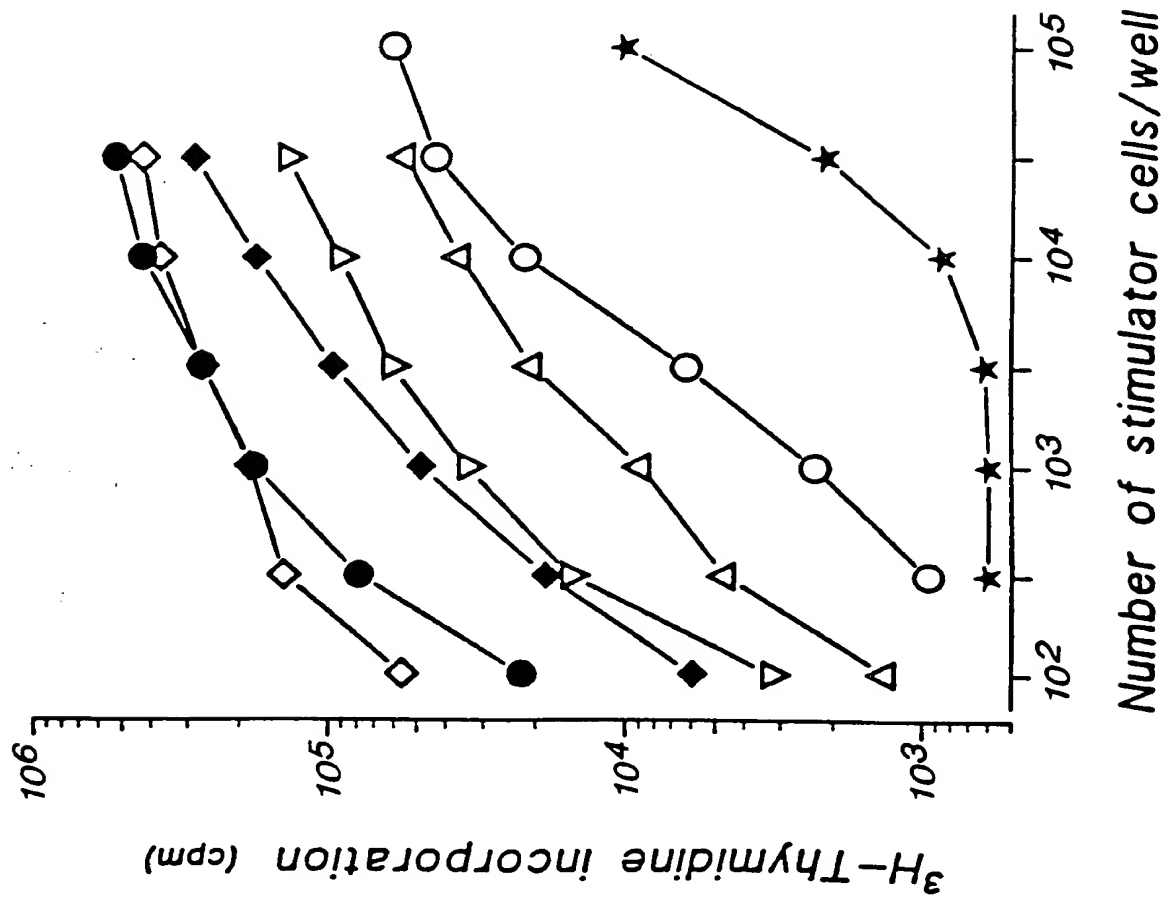


FIG. 4

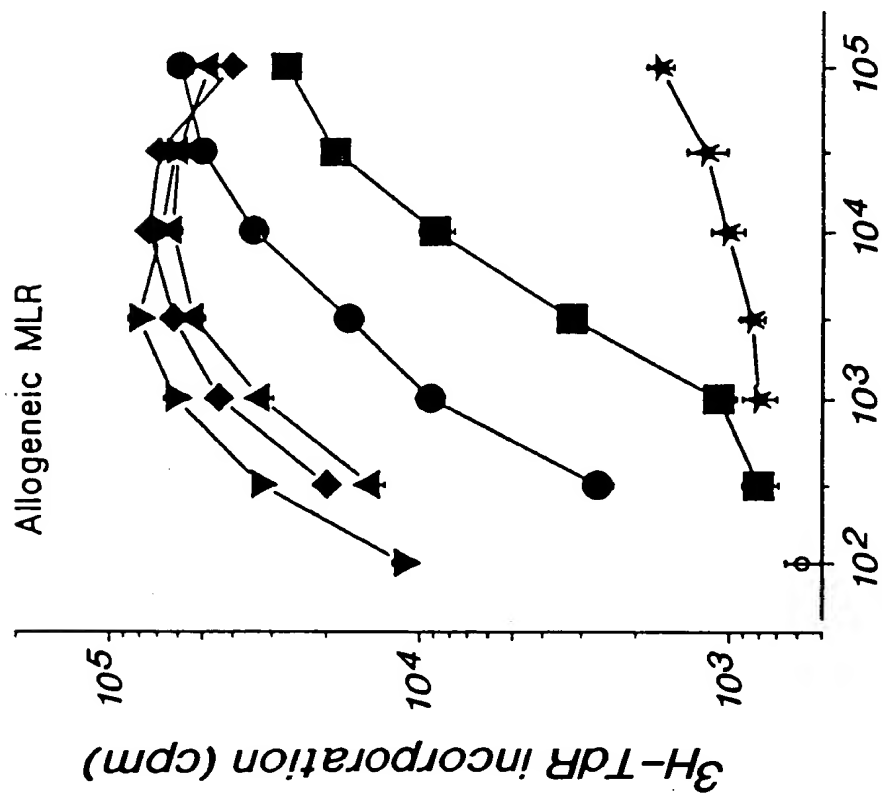


FIG. 5A Number of cells/well

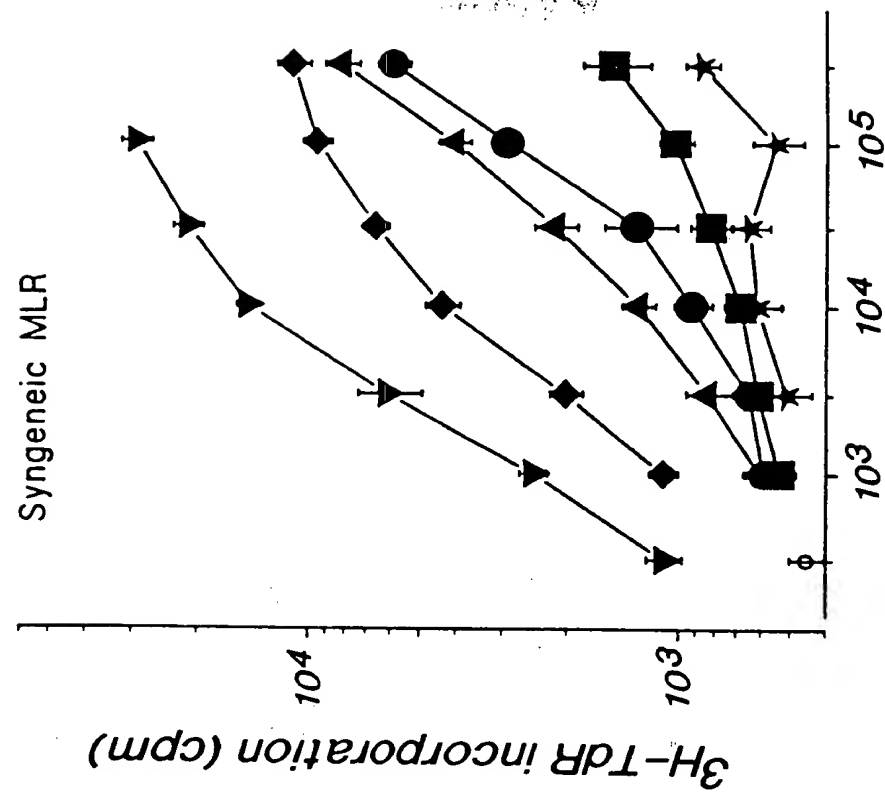
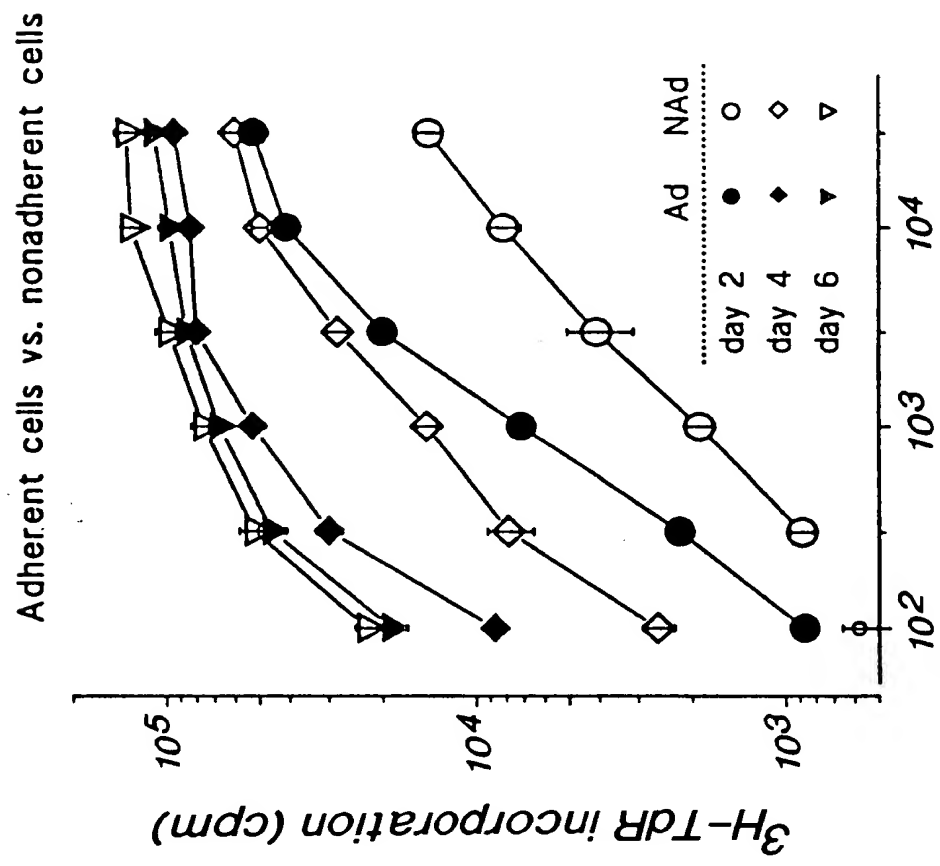


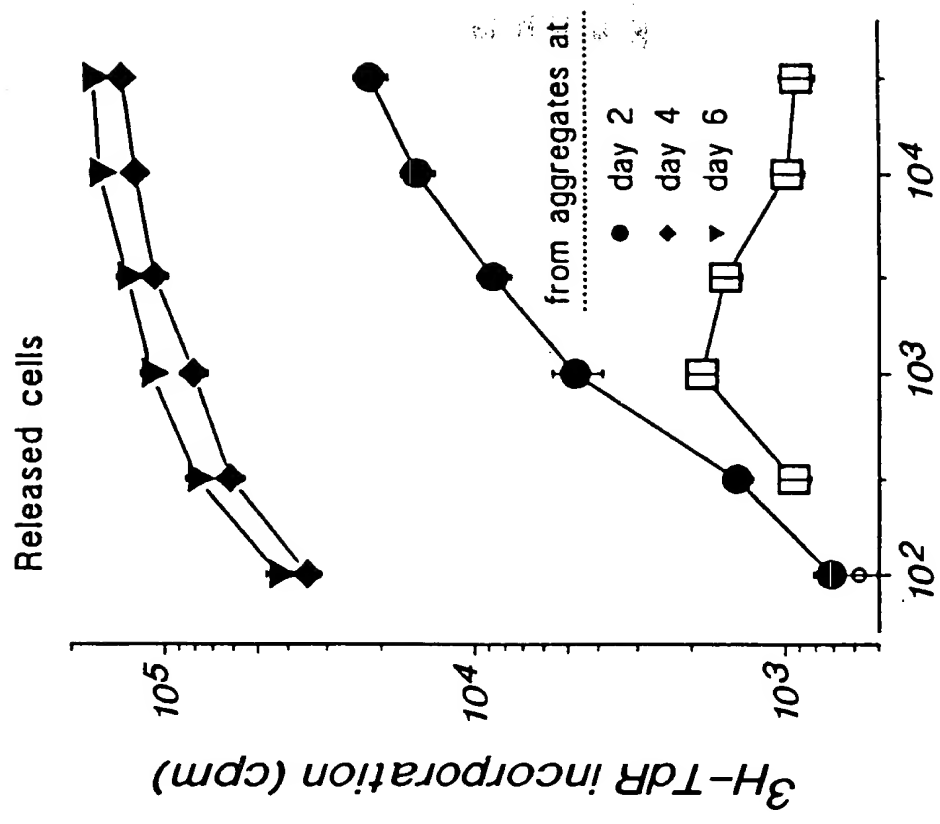
FIG. 5B Number of cells/well

★ 0 day, ■ 1 day, ● 2 day, ▲ 4 day, ◆ 5 day, ▼ 6 day



Number of cells/well

FIG. 6A



Number of cells/well

FIG. 6B

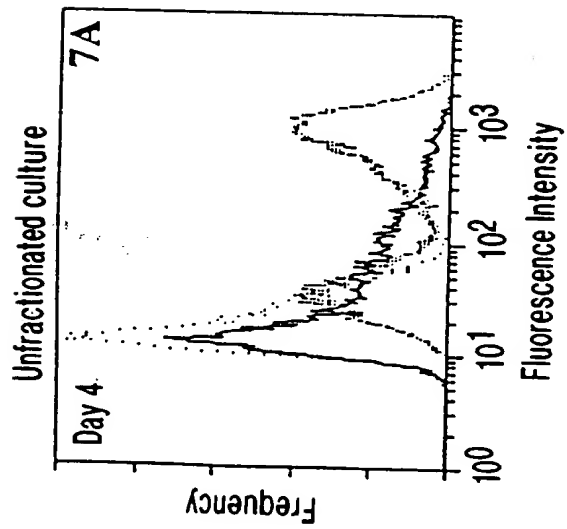


FIG. 7A

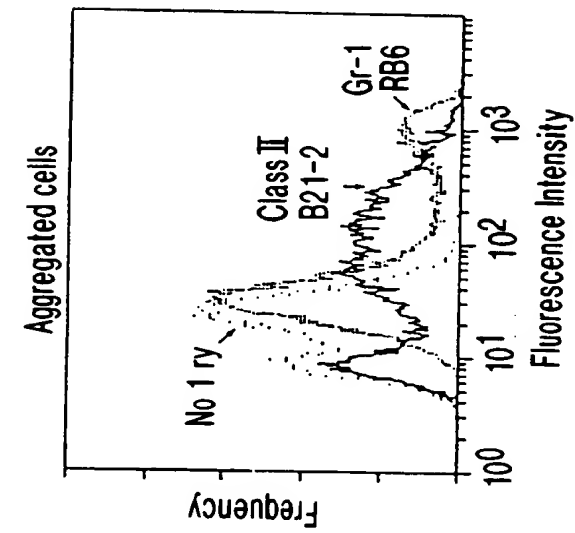


FIG. 7B

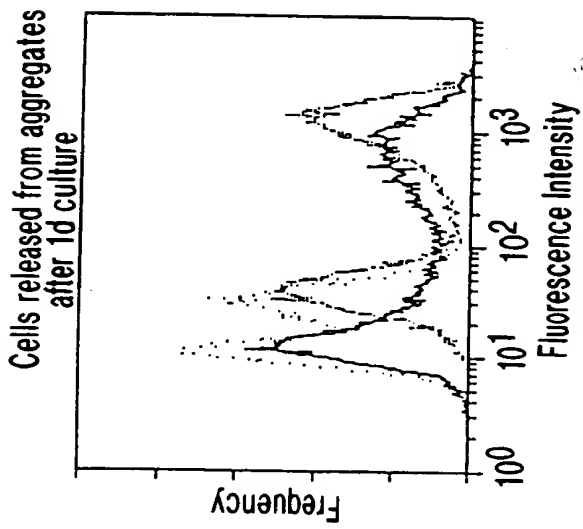


FIG. 7C

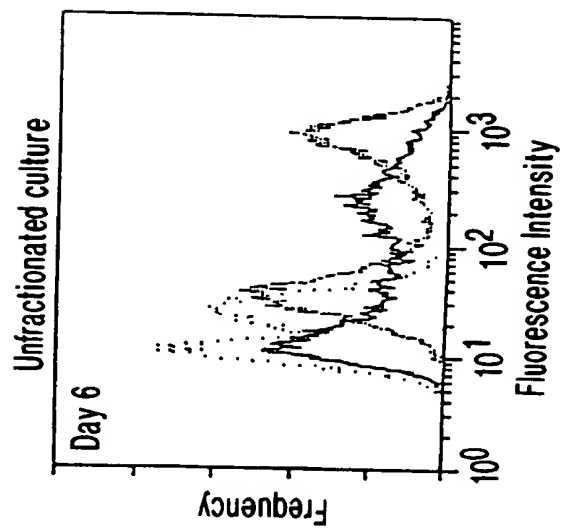


FIG. 7D

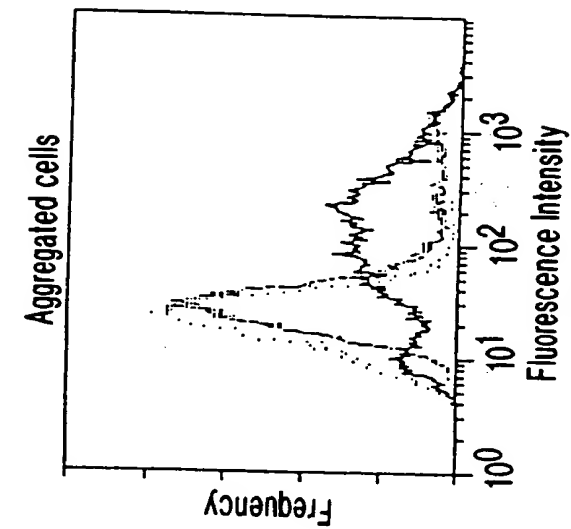


FIG. 7E

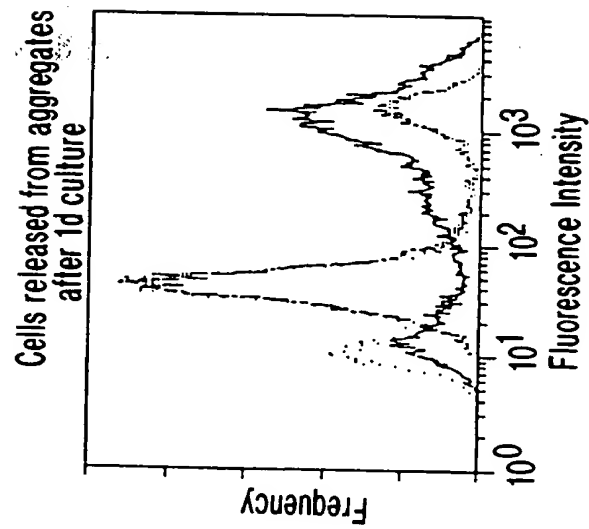


FIG. 7F

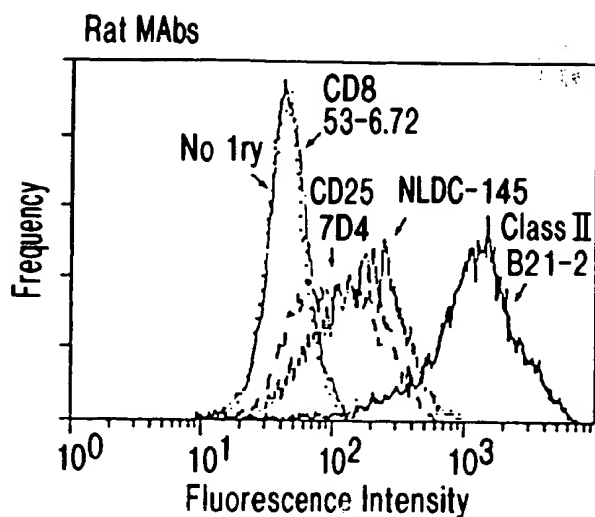


FIG. 8A

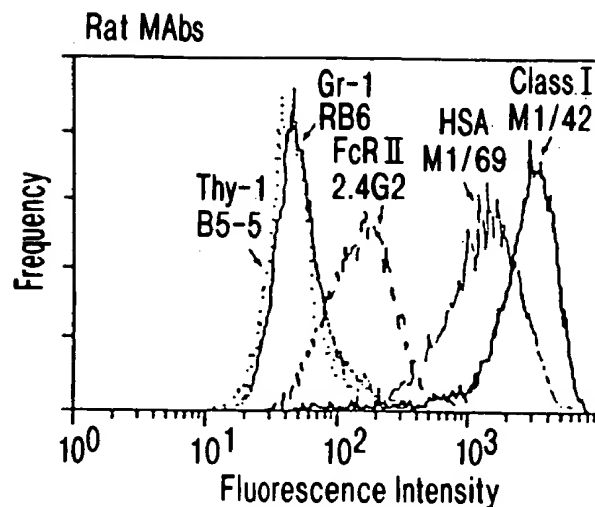


FIG. 8B

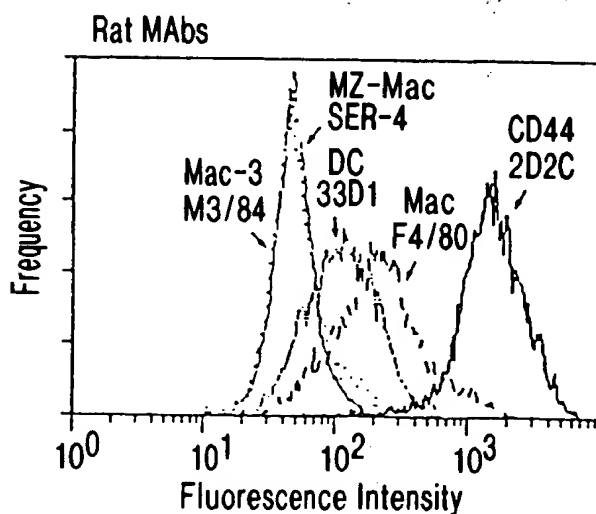


FIG. 8C

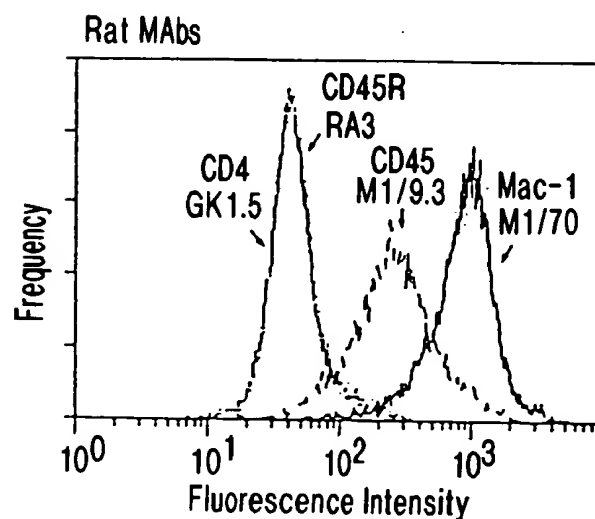


FIG. 8D

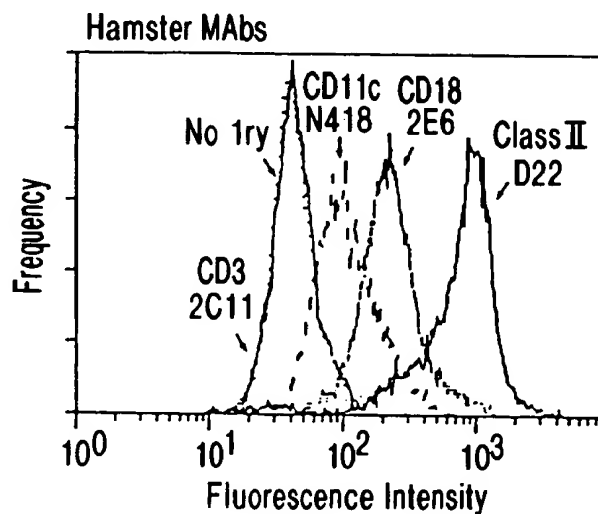


FIG. 8E

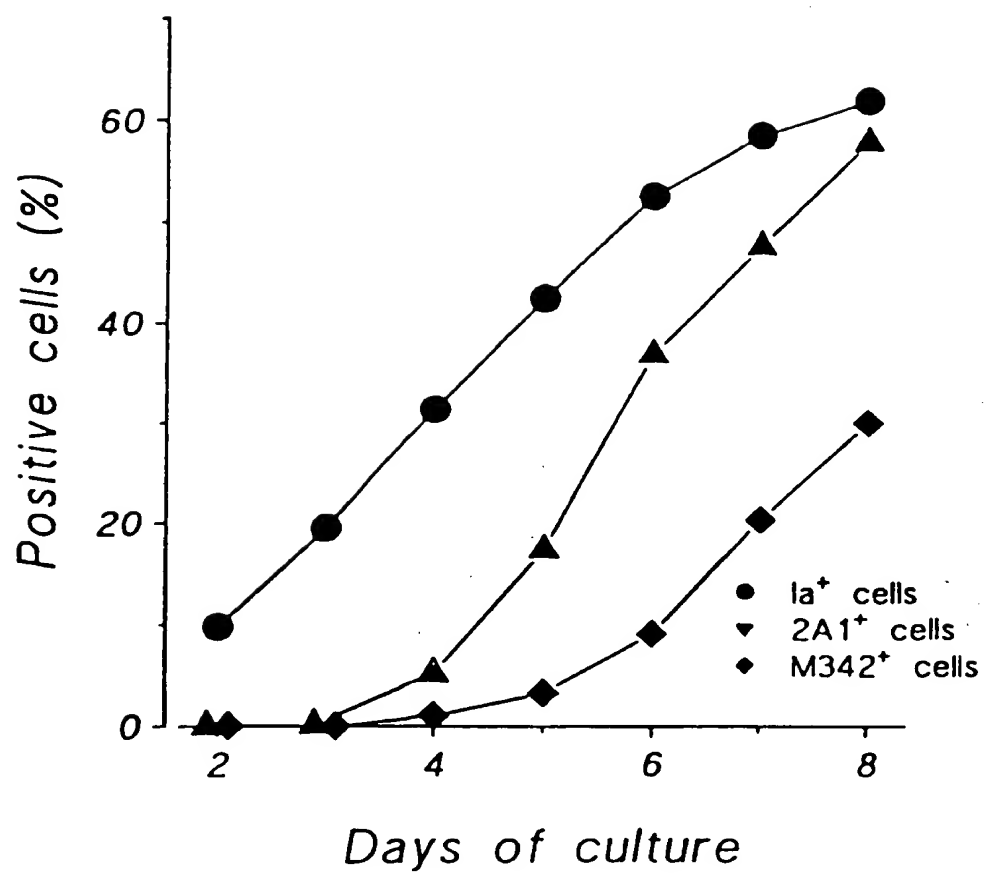


FIG. 9

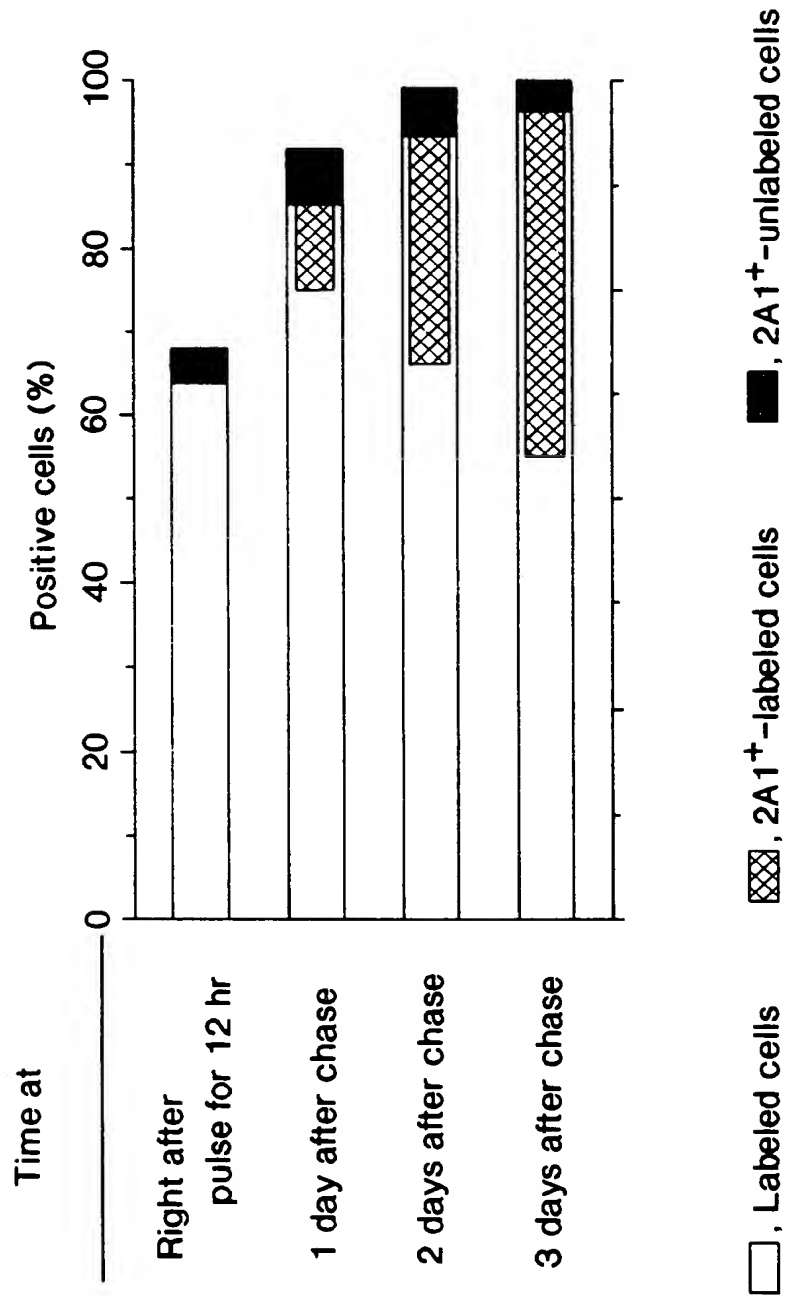


FIG. 10

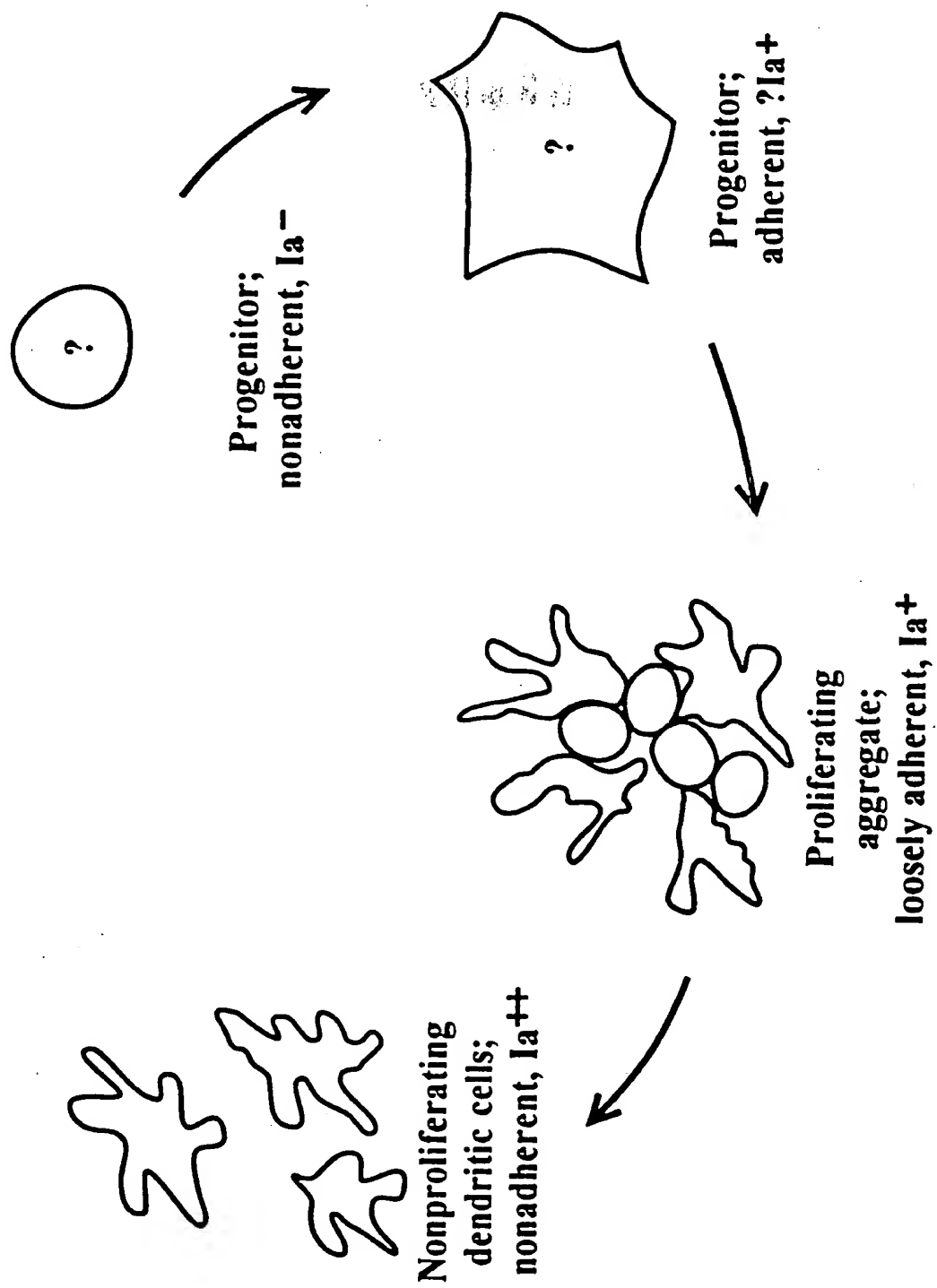


FIG. 11



FIG. 12A

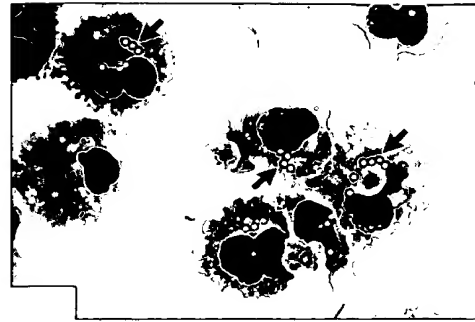


FIG. 12B



FIG. 12C

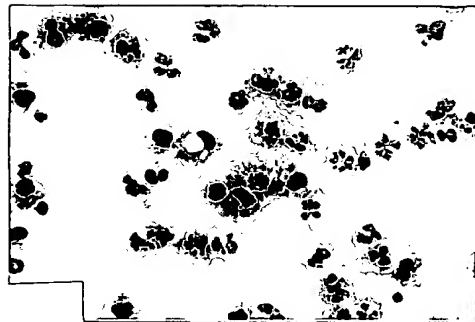


FIG. 12D

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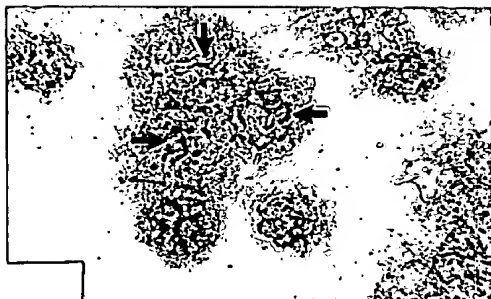


FIG. 13A



FIG. 13B



FIG. 13C

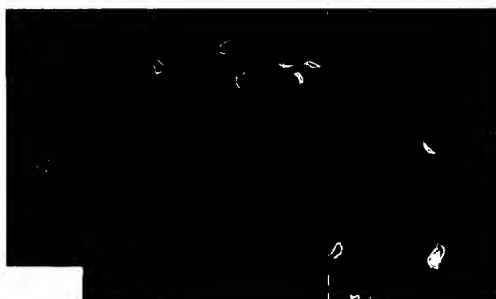


FIG. 13D



FIG. 14A

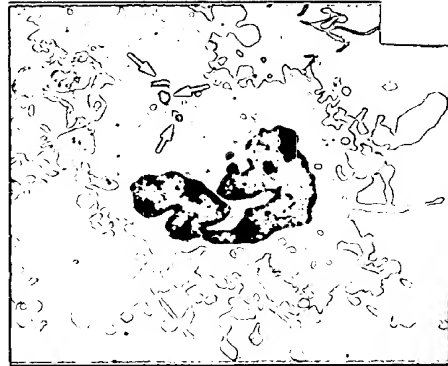


FIG. 14B

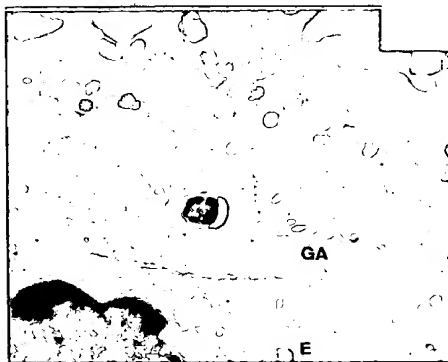
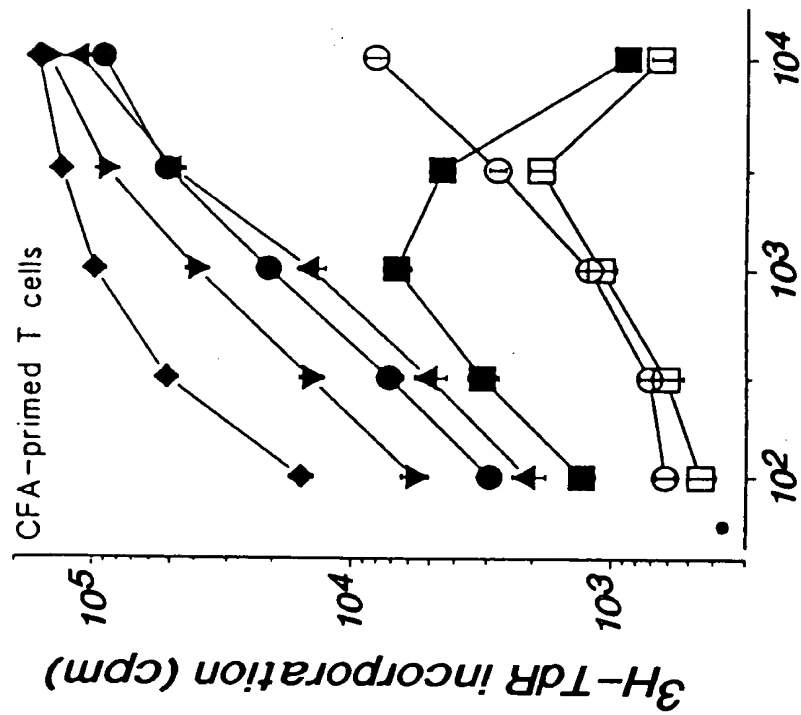


FIG. 14C



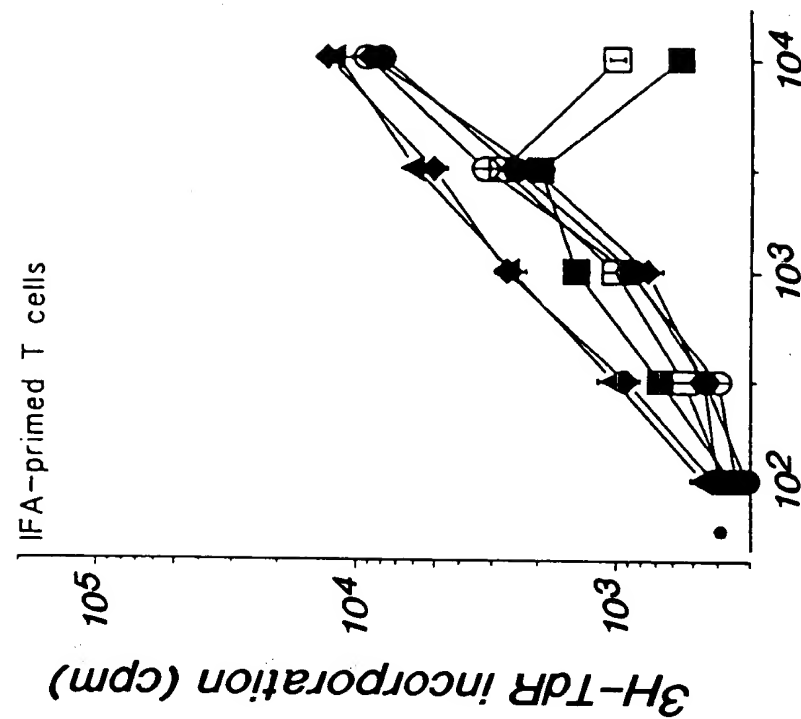
FIG. 14D

- Unpulsed, mature DC
- Unpulsed, mature DC + PPD
- Macrophage enriched
- Macrophage enriched + PPD
- ▼ Immature, BCG-pulsed DC
- ▲ Mature, BCG-pulsed DC
- ◆ Mature, BCG-pulsed and chased DC



Number of dendritic cells/well

FIG. 15A



Number of dendritic cells/well

FIG. 15B

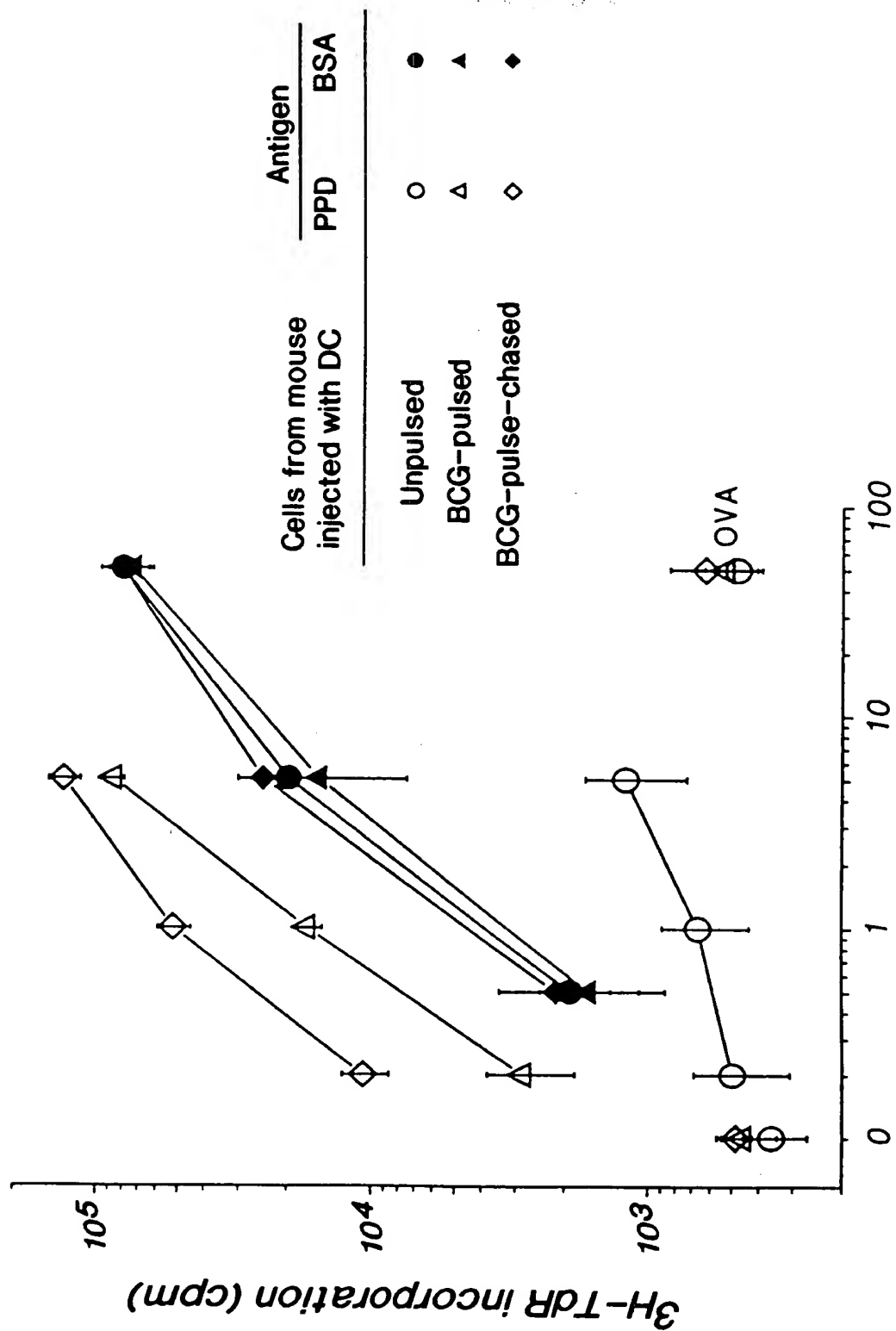


FIG. 16

- Unpulsed mature DC
- ▼ Immature, BCG-pulsed (add BCG to growing d5-6 aggregates)
- ▲ Mature, BCG-pulsed (add BCG d7-8)
- ◆ Mature, BCG-pulsed and chased (add BCG d5-6, wash, chase to 8d)
- Macrophage-enriched (add BCG d7-8)

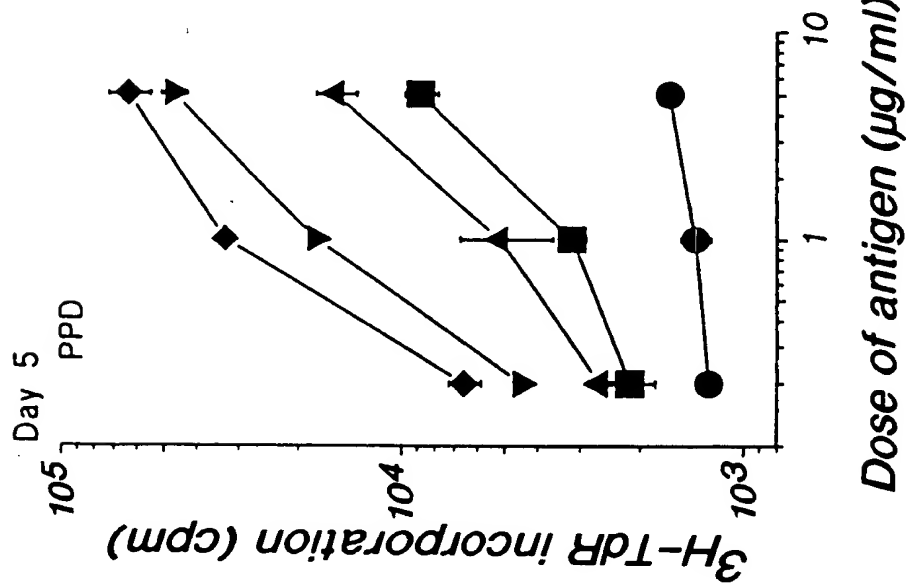


FIG. 17A

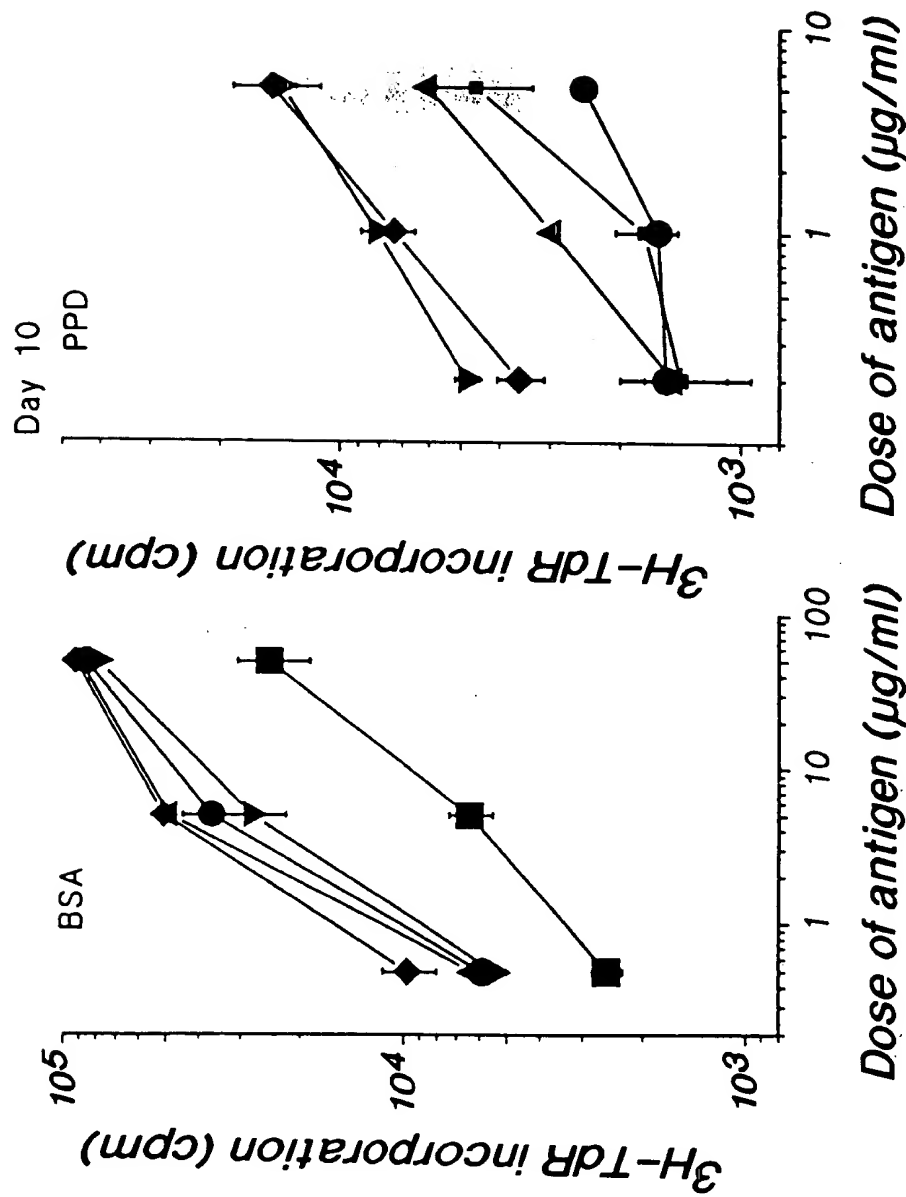


FIG. 17B

FIG. 17C

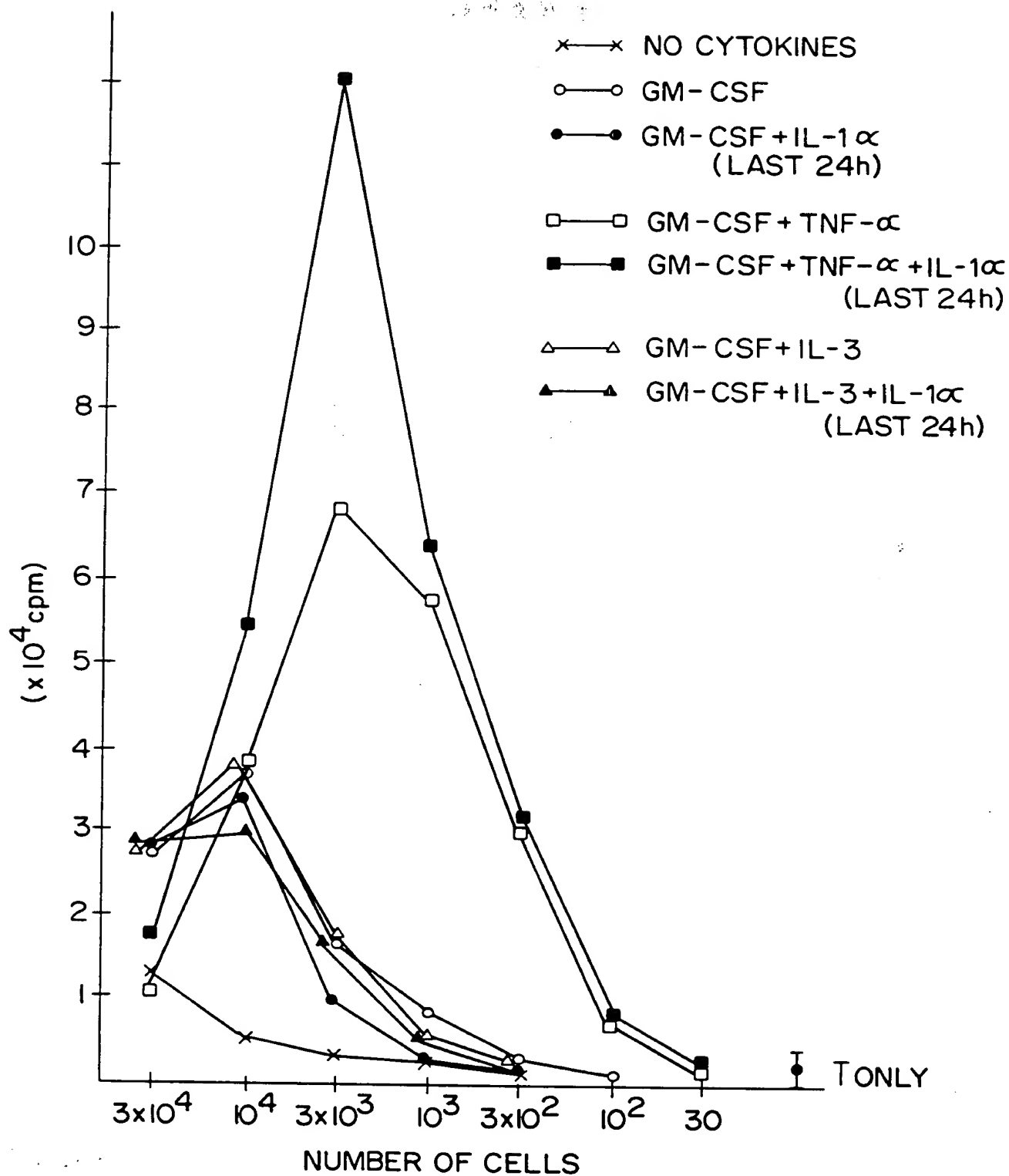


FIG.18A

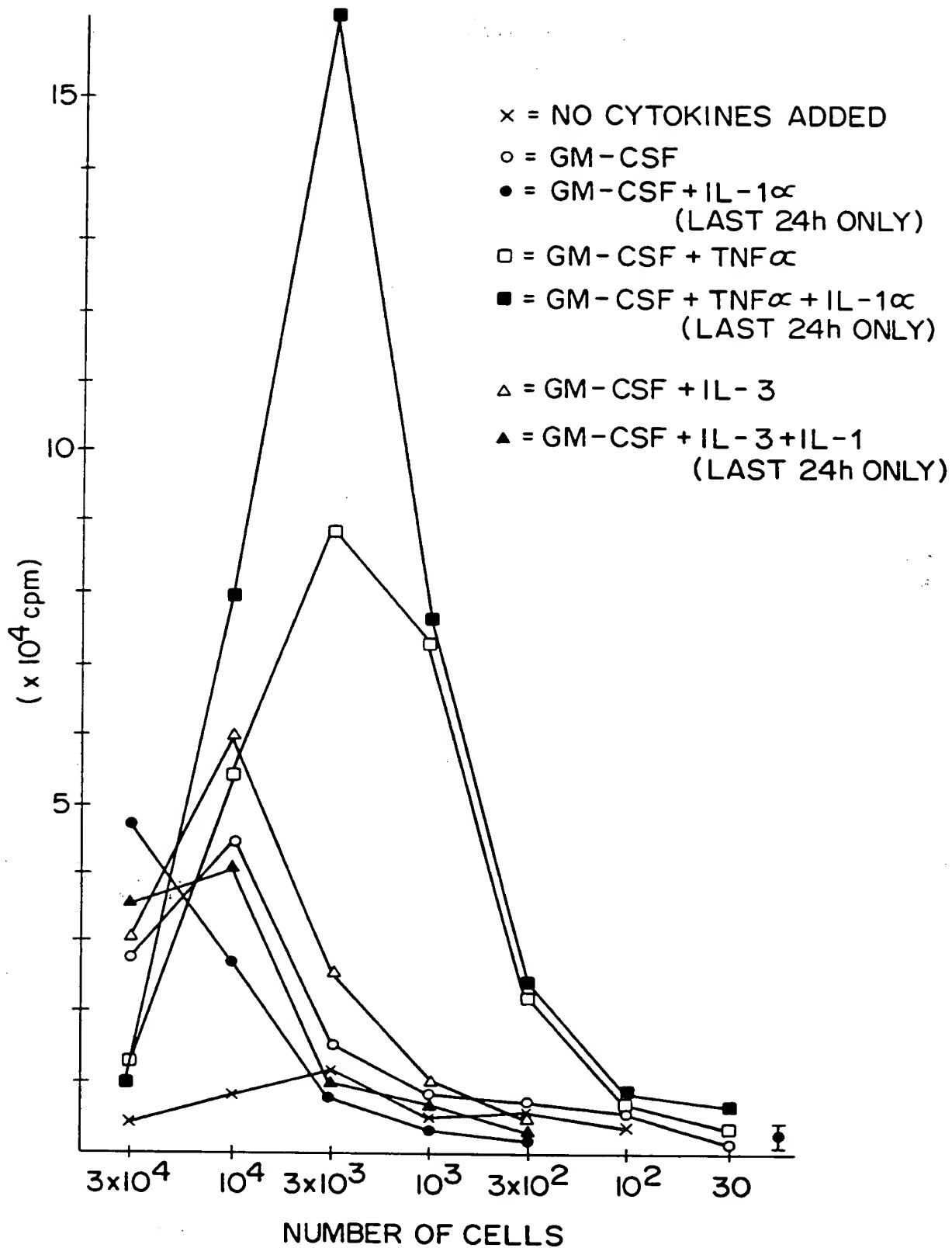


FIG. 18B

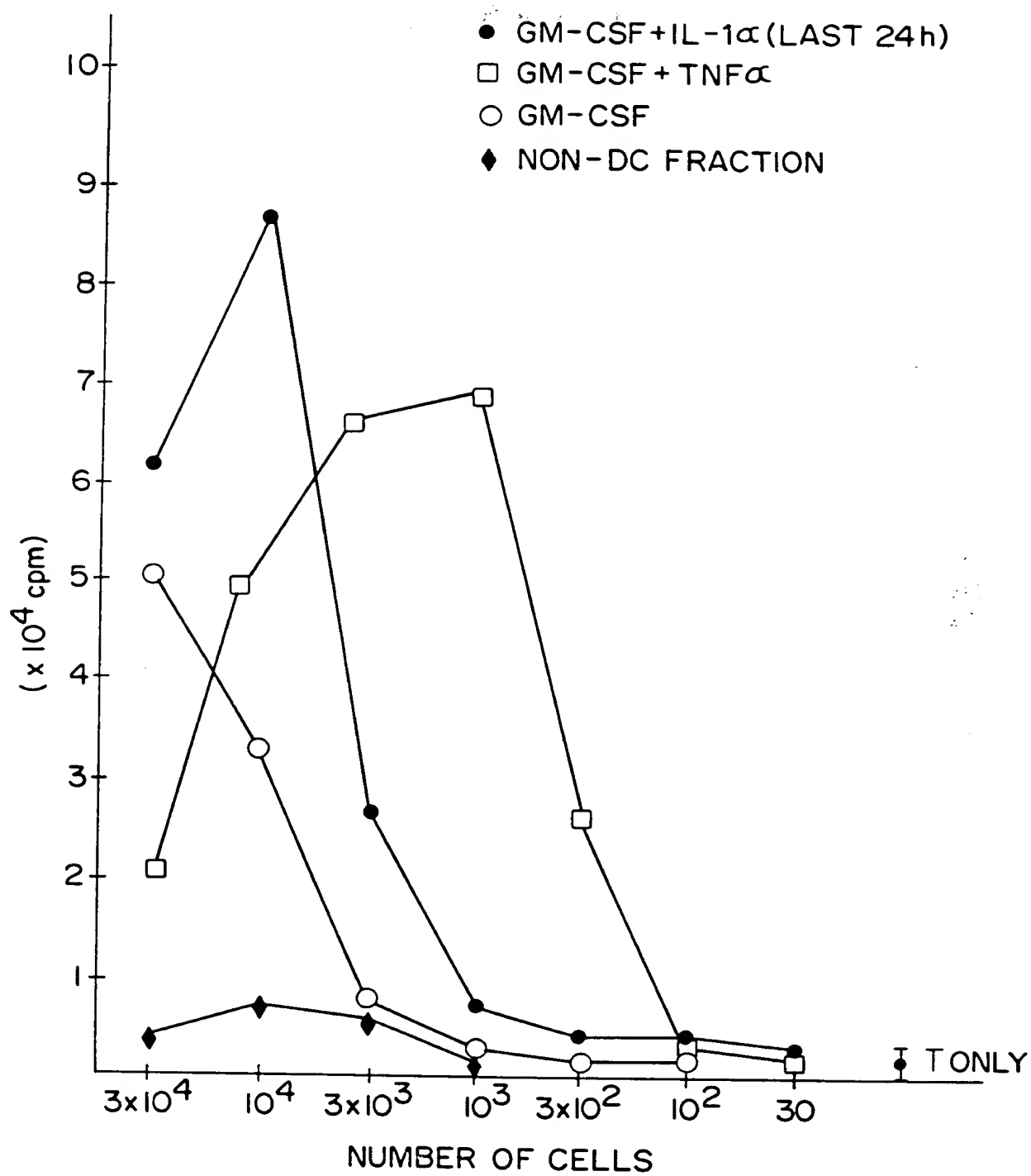


FIG. 18C

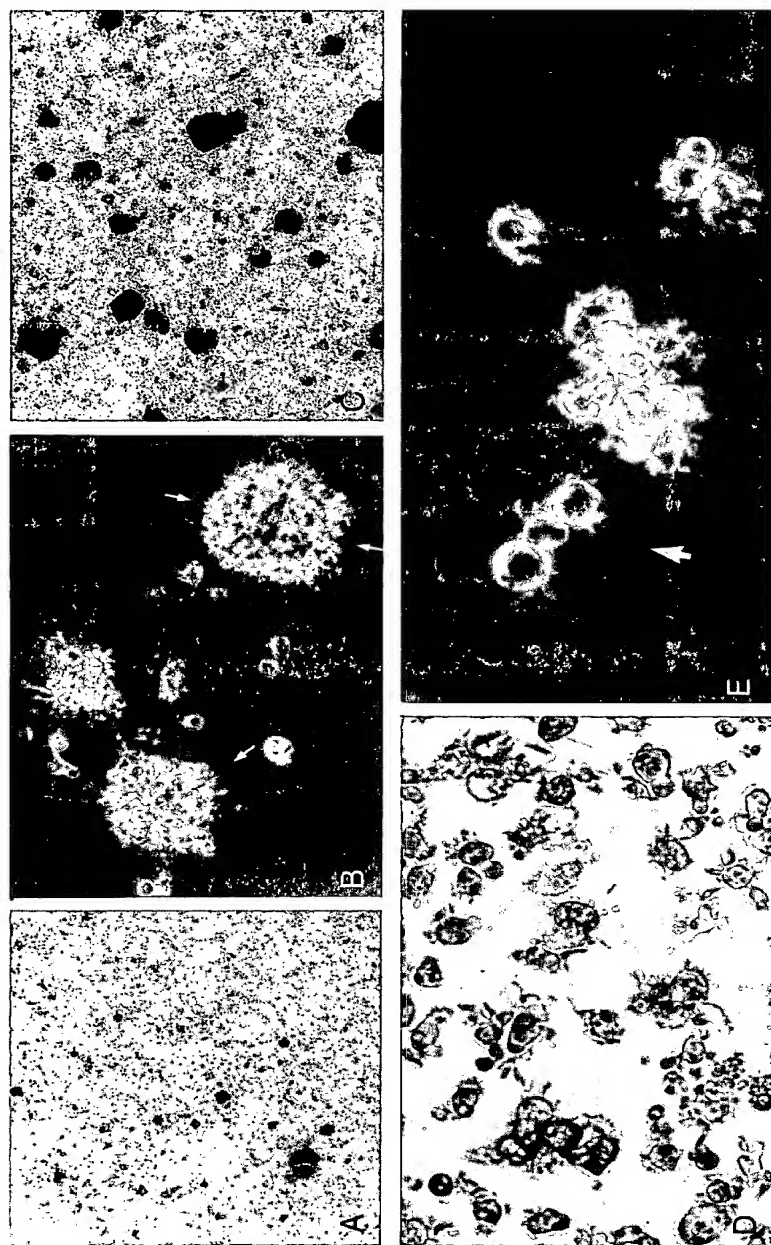


FIG. 19

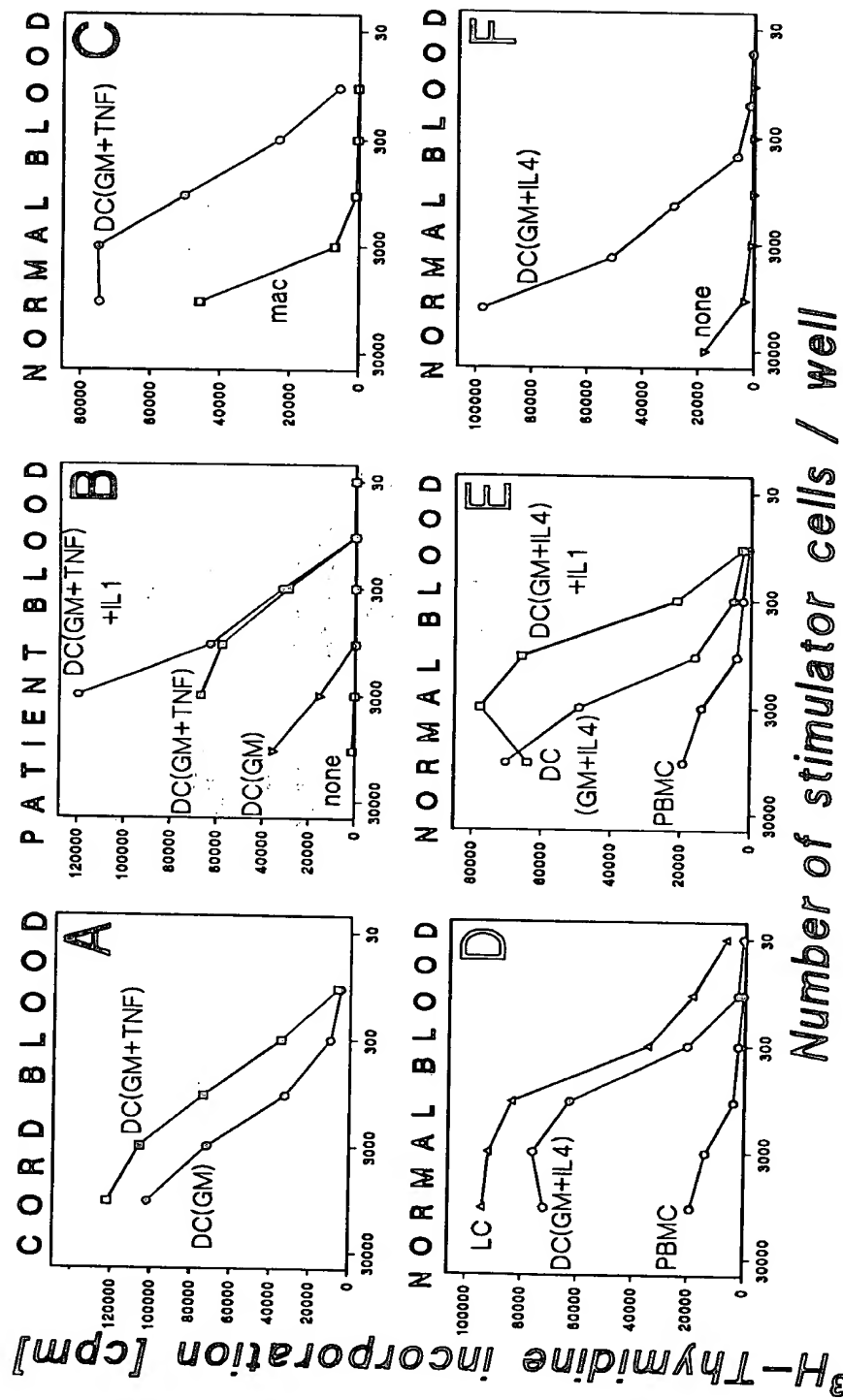


FIG. 20

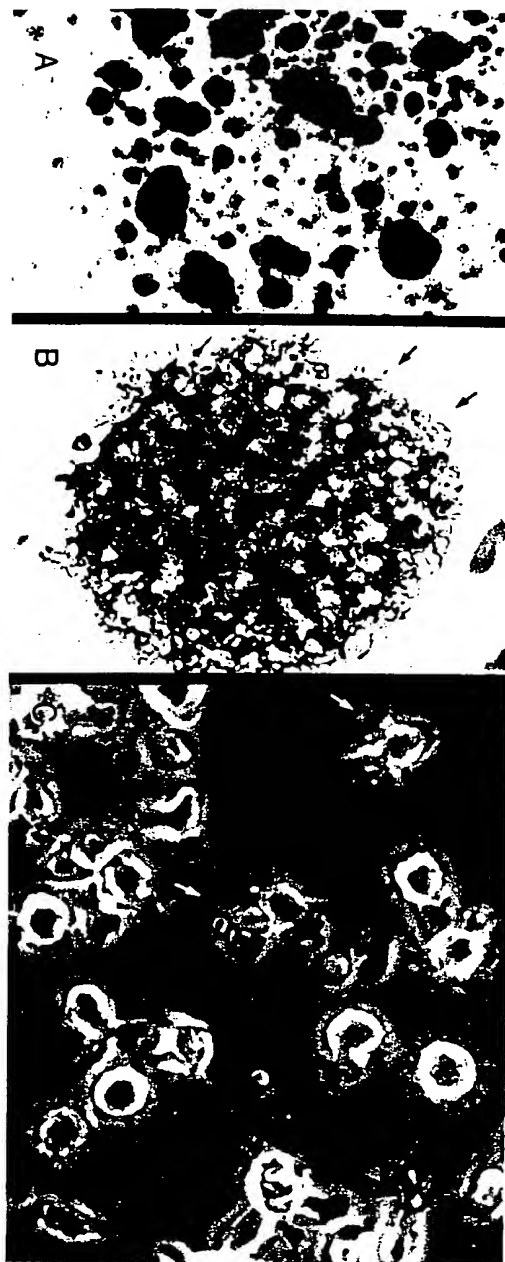


FIG. 21

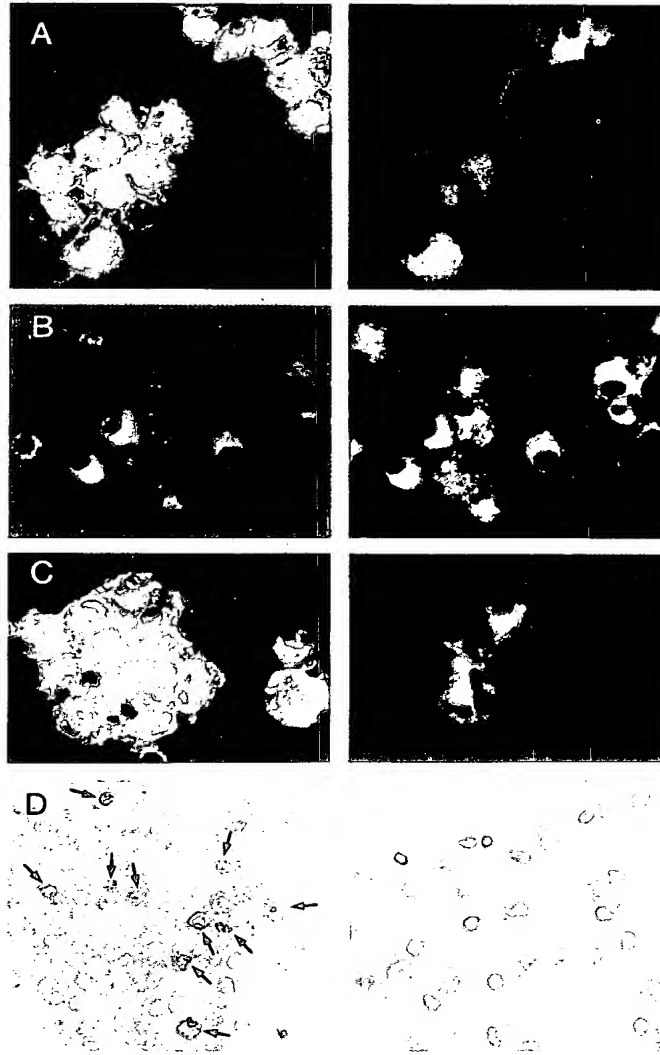


FIG. 22

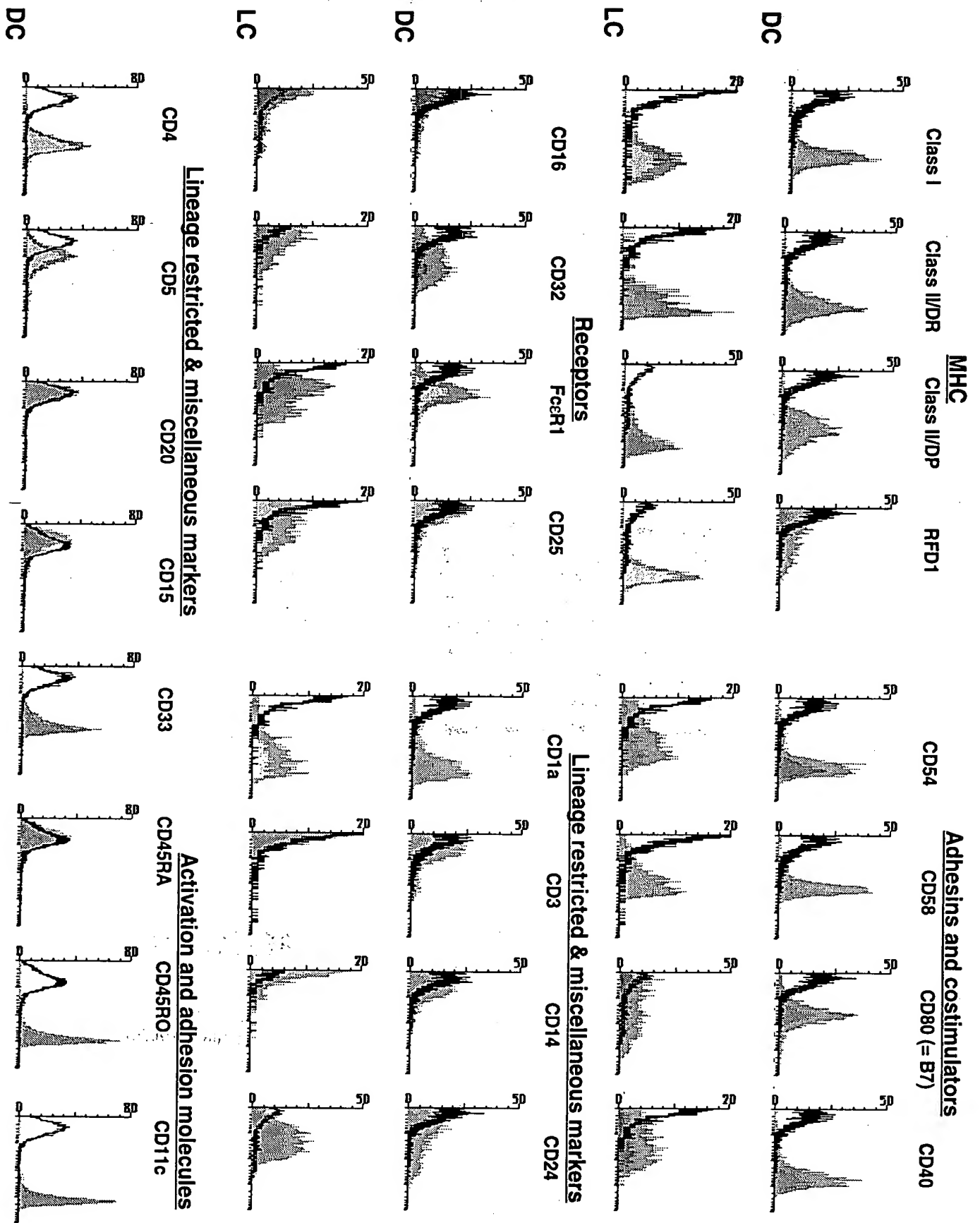


FIG. 23

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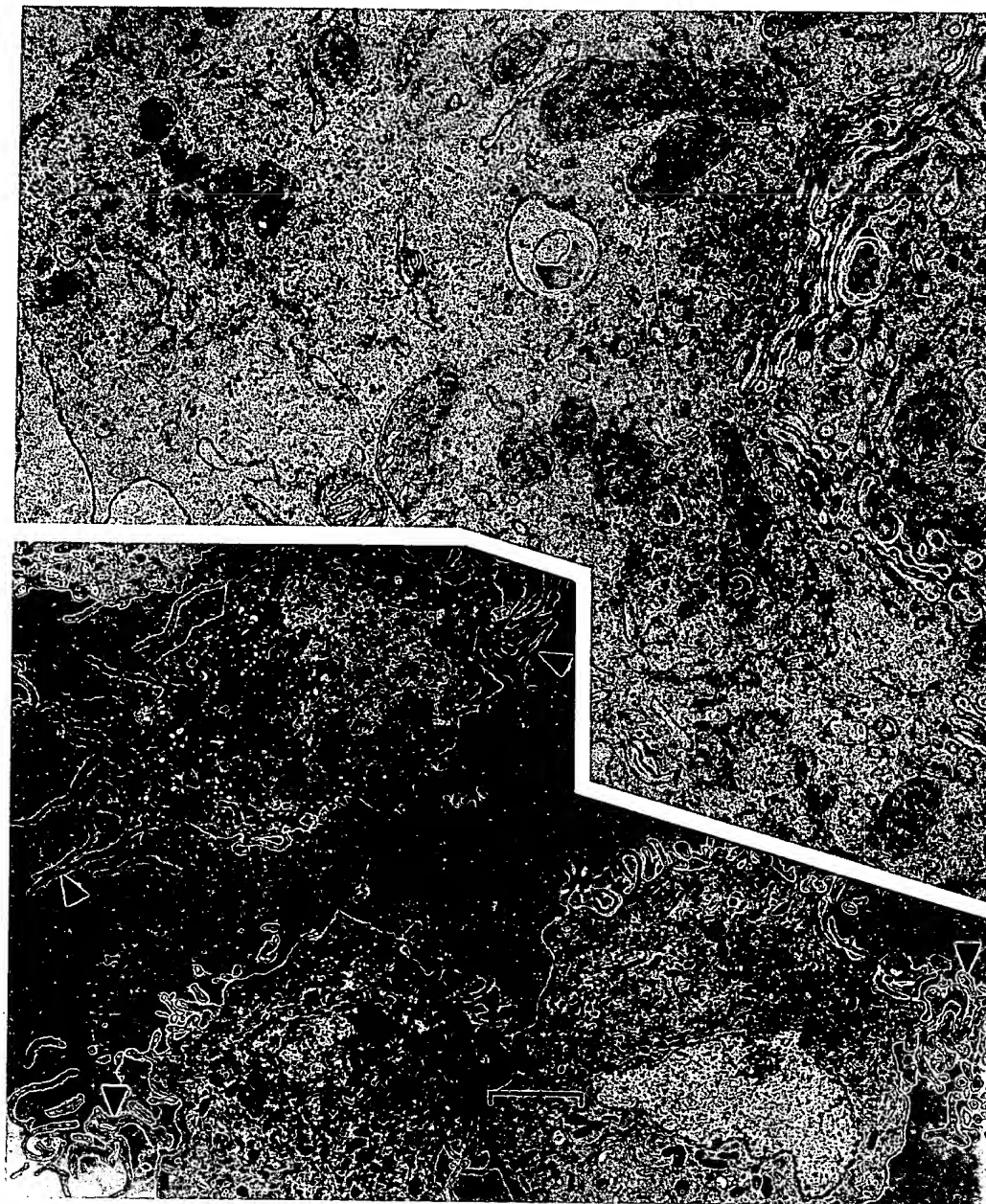


FIG. 24